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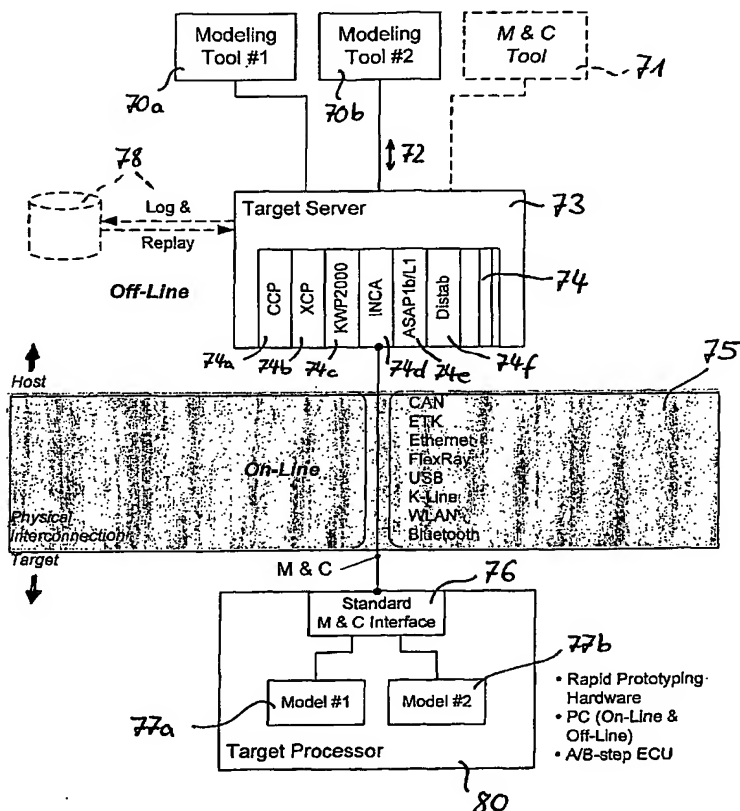
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| <p>(51) <b>International Patent Classification<sup>7</sup>:</b>      <b>G06F 17/50</b></p> <p>(21) <b>International Application Number:</b><br/> PCT/EP2004/012735</p> <p>(22) <b>International Filing Date:</b><br/> 10 November 2004 (10.11.2004)</p> <p>(25) <b>Filing Language:</b>      English</p> <p>(26) <b>Publication Language:</b>      English</p> <p>(30) <b>Priority Data:</b><br/> 03025834.7      10 November 2003 (10.11.2003)      EP</p> <p>(71) <b>Applicant (for all designated States except US):</b> <b>ROBERT BOSCH GMBH</b> [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).</p> <p>(72) <b>Inventor; and</b></p> <p>(75) <b>Inventor/Applicant (for US only):</b> <b>STREHL, Karsten</b> [DE/DE]; Darmstaedter Str. 91, 70376 Stuttgart (DE).</p> | <p>(81) <b>Designated States (unless otherwise indicated, for every kind of national protection available):</b> AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.</p> <p>(84) <b>Designated States (unless otherwise indicated, for every kind of regional protection available):</b> ARIPO (BW, GH, GM, KE, LS, MW, MA, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).</p> |
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**(54) Title: SIMULATION SYSTEM AND COMPUTER-IMPLEMENTED METHOD FOR SIMULATION AND VERIFYING A CONTROL SYSTEM**



**(57) Abstract:** A simulation system and method for computer-implemented simulation and verification of a control system under development, the simulation system comprising a generic model animation and in-model calibration interface, which uses measurement and calibration technologies with a hosttarget architecture, whereby the host contains at least one respective modelling tool and on the target software of the control system is executed.

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